

# How to Add a Wi-Fi Camera to a Uniview Non-Wi-Fi NVR?



## How to Add a Wi-Fi Camera to a Uniview Non-Wi-Fi NVR?

#### Description

Customers may need to add some additional Wi-Fi cameras onto their Non-Wi-Fi NVR. *Note:* This method is applicable to most of the scenarios encountered problems, if the method still cannot solve your problem, it is recommended to consult our Tech Support Team. <u>https://global.uniview.com/Support/Service\_Hotline/</u>

### **Operating Steps**

**Step 1** Connect the Wi-Fi camera to your router's network.

*Note:* Generally a Wi-Fi camera needs an app to get it connected to the router's network.

Step 2 Add the Wi-Fi camera to the Uniview NVR.

Once the camera is connected to the router's network, it will be detected by the NVR on the bottom of the camera list on the GUI or in the camera list when you do auto search on the NVR's web interface.

Cμ	Camera									
Camera	Encoding	O Refresh	Q Search Segme.		More					
$\odot$	Audio	Camera	Address 2) 172.1.90.223	Status	Protocol Uniview	Model		Cam Config	Configure —	Details
VCA		D9(IP Camera 07ptz	3) 172.1.90.223		Uniview					
	Snapshot	D10(IP Camera 02)	172.16.0.19		Uniview					
	OSD	D11(IP Camera 09pt	z. 172.1.90.223		Uniview					
Network		D12(IP Camera 12)	172.1.90.228		Uniview					
$\langle \hat{O} \rangle$	Image	D13(IP Camera 13)	172.16.0.14		Uniview					
System	Privacy Mask	D14(IP Camera 14)	172.16.0.15		Uniview					
	PTZ	D15(IP Camera 15)	172.16.0.16		Uniview					
		D16(IP Camera 02)	172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
Backup			172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
$\bigcirc$			172.1.90.39		ONVIF	XVR301-04Q				
Storage			172.1.90.45		Uniview	IPC2122SR3-F40W-D				
			172.1.90.179		Uniview	IPC675LFW-AX4DUPKC-VG				
			172.1.90.190		Uniview	ET-B31H-M				
			172.1.90.203		Uniview	IPC3614SB-ADF28KM-I0				
R <sub>intenance</sub>		Discovered Device(s):8,	Added Device(s):16;lc	lle Receive	Bandwidth: 3	09Mbps				
		Auto Switch to H.265	Auto S	witch to U	-Code (	Off OBasic	OAdvanced			Exit



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lient	*	Came	era	Fi	sheye	Ad	lvanced							
ystem	~													
amera	~	Auto	o Switch t	to H.265	Off Note: Effectiv	e when first cor	nected							
Camera		Auto	o Switch t	to U-Code Off	~ N	ote: Effective w	hen first connected							
Encoding							gment Batch Edit Pass							
Audio			fresh		Auto Searc									
OSD			No.	Camera ID	Address	Port	Remote Camera ID	Protocol	Status	Vendor	Model	Configure	Access	
Image			1	D1 (IP Camera	172.1.90.240	80	1	Uniview		UNIVIEW	NVR308-64E-B		Access	
Schedule			2	D2 (IP Camera	172.1.90.111	80		Uniview		UNIVIEW	IPC2K24SE-ADF40KMC-WL-I0		Access	
Motion		Ö	4	D3 (IP Camera	172.1.90.152	80		Uniview		UNIVIEW	IPC3618SB-ADF28KMC-I0 IPC322LR3-VSPF28-D		Access	
Video Loss			4	D4 (IP Camera D5 (IP Camera	172.1.90.132	80		Uniview		UNIVIEW	IPC868ER-VF18-B	1	Access	
Tampering		0	6	D6 (IP Camera	172.1.90.223	80	1	Uniview		UNIVIEW	IPC6322SR-X33UP-D	1	Access	
Privacy Mask		0	7	D7 (IP Camera	172.1.90.223	80		Uniview		UNIVIEW	IPC868ER-VF18-B	4	Access	
Snapshot		0	8	D8 (IP Camera	172.1.90.223	80	3	Uniview		UNIVIEW	IPCB68ER-VF18-B	4	Access	
Audio Detection		0	9	D9 (IP Camera	172.1.90.223	80	4	Uniview		UNIVIEW	IPC868ER-VF18-B	4	Access	
Human Body Detect	tion		10	D10 (IP Camer	172,16.0.19	80	1	Uniview	134				Access	
Thermal Imaging	uun		11	D11 (IP Camer	172.1.90.223	80	5	Uniview	EN	UNIVIEW	IPC868ER-VF18-B		Access	
			12	D12 (IP Camer	172.1.90.228	88	1	Uniview		UNIVIEW	IPC672LR-AX4DUPKC	4	Access	
ard Disk	~	0	13	D13 (IP Camer	172.16.0.14	80	1	Uniview				-	Access	
larm	*		14	D14 (IP Camer	172.16.0.15	80	nn-nn-At-Sh-Sh	Uniview					Access	
lert	~		15	D15 (IP Camer	172.16.0.16	80	1	Uniview	ED1				Access	
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System	.w.	and a														
Camera		Auto	Auto	Search	IP Address				Protocol	Vendor	Mo		Serial No.	×		
+ Camera		Auto	-	Status	172.1.90.11	Configure	Port 80	Qty	Uniview	UNIVIEW	IPC91	Idel	Senal No.	- 1000		
Encoding		-	H	0	172.1.90.11		80	2	ONVIF	UNIVIEW	IPC9:	-				
Audio		Ref	0	0	172.1.90.39	1	80	1	Uniview	UNIVIEW	IPC212258			1		
OSD		0	01	_	172.1.90.43	1	80	1	Uniview	UNIVIEW	IP5212258	(3-P40W-D			Configure	Access
Image			0	Ð	172.1.90.190		80	5	Uniview	UNIVIEW				-	1	Access
Schedule			ō	W	172.1.90.225	1	80	1	ONVIE	UNIVIEW				VE-10		Access
Mation			-	Added	172.1.90.225		80	1	Uniview	UNIVIEW	45.100			1000		Access
				Added	172,1,90,132		80	1	Uniview	UNIVIEW	_			>	1	Access
Video Loss			0	Added	172,1,90,152		80	1	Uniview	UNIVIEW	-				1	Access
Tampering		0		Added	172.1.90.228		88	1	Uniview	UNIVIEW	-	_	And Inc. of Concession, Name	1		Access
Privacy Mask		0														Access
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Audio Detection			Found	10 Selected	0									1	4	Access
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Alert			15	D15 (IP Ca		10.0.16	80		1	Uniview	EH.					Access
Network	¥	0	16	D16 (IP Ca	mer 172	.1.90.11	60		1	Uniview	8	UNIVIEW	IPC9312LFW-AF2	8-2X4	1	Access
Platform	٧															
User	¥															

**Note:** Cameras from different vendors may have different operations, it is strongly recommended to contact the vendor's tech support team to get the Wi-Fi camera connected to the router's network/Wi-Fi.

Here take a Uniview Wi-Fi camera for example:

**Step 1** Power the Wi-Fi camera on and connect your phone to the router's Wi-Fi.

**Step 2** Open the EZView app. Click **Add** under **Menu>Devices>Add>Add Wi-Fi device**. Input the Wi-Fi password and device's register code. Click **Connect Automatically**.

*Note:* Register code can be obtained by scanning the QR code on the camera's white label/quick guide. You may also get the register code from the quick guide and input it manually.

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10.00.	Prepare	× <	Configure I	Device	×		
Make sure th	lake sure the device is covered by Wi- Fi network the device and then wait for about 30s till the		<b>keep the mobile pho</b> 5G Wi-Fi is not s				
ht flashes slow	Fi network		he device name	My Device			
	and and a	Wi-Fi		Redmi 10A	>		
	+		Password er Code 31	v	E .		
	+	Where	is the register code?				
	a is waiting to be connected Abnormal status?		Connect Autor				
Add	d As Cloud Device		u need to connect man connection f	failed.	ic 5228		
6	d As Local Device		Connect Ma	nually			

**Step 3** If the automatic connection fails, you may click **Connect Manually**, follow the instructions, and use the lens of the camera to read the QR code shown on the APP.



**Step 4** If both methods fail, please press and hold the camera's reset button to reset the camera and start over.



If you have a spare Ethernet cable, you can also connect the Wi-Fi camera to the router, power it on with an adapter, set it up manually from its web interface, and connect to the router wirelessly then.

**Step 1** Connect the Wi-Fi camera to the Router with an Ethernet cable.



Blow is the typical topology you may refer to.

Step 2 Change Wi-Fi Mode to Wi-Fi under Setup>Network>Network>Wi-Fi from the camera's web interface

Common	Network Wi-Fi Off		
Network	Wi-Fi Mode	-ri -Fi Hotspot ait For Connection	
Network 80 88 08	Save	-Fi Cascade	20:06, E0:0E:03:50:8E:08; gv15228
DNS			
Port			
DDNS			
EZCloud			
E-mail			
802.1x QoS			
Video			
Image			
Intelligent			
Events			
Storage			
Security			
System			

Step 3 Connect the Wi-Fi camera to your router's Wi-Fi, change Obtain IP Address to



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#### DHCP, and click Save.

Common	Network Wi-Fi							
Network	SSID	None						
Network	IP Address	0.0.0.0						
DNS	Subnet Mask	0.0.0.0						
Port	Default Gateway	0.0.0.0						
DDNS	Strength	all.						
EZCloud	Wi-Fi Network							
E-mail	Search						11	
802.1x	SSID	Channel	MAC Address	Authentication	Encryption	Strength	Strength(dBm)	
QoS	IPCWiFi316RMS0DMKGU0 WWYIKX5M1LKL	6		WPA-PSK WPA2-PSK	TKIP	attl	-30	~
Video	Overseas2022	11		WPA-PSK WPA2-PSK	CCMP-TKIP	all	-36	
Image	<b>NELICLENETS NO</b>	1		WPA-PSK WPA2-PSK	CCMP	attl	-38	
Intelligent	· · · · · · · · · · · · · · · · · · ·	11		WPA-PSK WPA2-PSK	CCMP	aith	-39	
2010		1		WPA-PSK WPA2-PSK	CCMP	attl	-42	
Events	TS-SPSD	6		WPA-PSK WPA2-PSK	CCMP	attl	-56	
Storage		1		WPA-PSK WPA2-PSK	CCMP	all	-58	~
Security								
System	-Wi-Fi			1:08. E0:301:00a.h	ne Strend to	-1.57792		
	SSID	Oversea						
	Password							
	Encryption	CCMP-T	'KIP 🗸					
	Authentication	WPA-PS	SK WPA2-PSK 🗸					
	Obtain IP Address	Obtain IP Address DHCP V						

**Step 4** Disconnect the Ethernet cable from the Wi-Fi camera. The camera will be detected by the NVR on the bottom of the camera list on GUI or in the camera list if you click **auto search** on the NVR's web interface. You will be able to add the camera as a normal camera through its IP address then.

amera	Encoding	0	Refresh	Q Search Segme		More					
	encoung	Came		Address	Status	Protocol	Madel		Cam Config	Configure	Details
$\mathfrak{D}$	Audio	D8(IP	Camera 14ptz2)	172.1.90.223		Uniview					
		D9(IP	Camera 07ptz3)	172.1.90.223		Uniview					
-	Snapshot	D10(1	P Camera 02)	172.16.0.19							
	OSD	D D11(II	P Camera 09ptz.	172.1.90.223		Uniview					
twork	Image	D12(1	P Camera 12)	172.1.90.228							
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stem	Privacy Mask	D14(1	P Camera 14)			Uniview					
	PTZ	D D15(1	P Camera 15)	172.16.0.16		Uniview					
D		D16(I	P Camera 02)	172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
				172.1.90.11		Uniview	IPC9312LFW-AF28-2X4				
				172.1.90.39		ONVIE	XVR301-04Q				
orage				172.1.90.45		Uniview	IPC2122SR3-F40W-D				
				172.1.90.179		Uniview	IPC675LFW-AX4DUPKC-VG				
$\triangle$				172,1.90,190		Uniview	ET-B31H-M				
				172.1.90.203		Uniview	IPC3614SB-ADF28KM-I0				
5 tenance		Discovere	d Device(s):8, A	dded Device(s):16:Id	le Receive	Bandwidth: 3	09Mbps				
		Cauto S	witch to H.265	Auto S	witch to U	Cada 2	Off OBasic	OAdvanced			



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System	¥													
Camera	~	Aut	o Swit	tch to H.265	● On ○ Off		-	n first connected						
Camera		Aut	o Swit	tch to U-Code	Off	ì	Note: E	ffective when firs	t connec	ted				
Encoding		Re	fresh	Modify	Delete	Auto S	earch S	earch Segment	Betch	Edit Pass				
Audio			No.	Camera ID	Address	Port	Remote	Camera ID Pr	otocol	Status	Vendor	Model		Configure
OSD			1	D1 (IPC 01)	172.1.90.13	80	1	Uniview		UNIVIEW	IPC	672LR-AX4DUPKC		Access
Image			2	D2 (testte	172.1.90.15	80	1	Uniview		UNIVIEW	IPC	3615LE-ADF28K-G		Access
Privacy Mask			3	D3 (Came	172.1.90.155	80	1.	Uniview	101					Access
Snapshot			4	D4 (Came	172.1.90.183	80	1	Uniview		UNIVIEW	IPC675	SLFW-AX4DUPKC-VG		Access
Thermal Imaging			5	D5 (test)	172.1.90.21	80	1	Uniview	EN I	UNIVIEW	IPC36	1858-ADF28KMC-10		Access
Storage	¥		6	D6 (IP Ca	172.16.0.20	80	1	Uniview	100					Access
Alarm	¥		7	D7 (IP Ca	172.1.90.22	80	2	Uniview		UNIVIEW	IPC9	312LFW-AF28-2X4	ð	Access
			8	D8 (Came	172.1.90.80	80	1	Uniview		UNIVIEW	IPC2K24	SE-ADF40KMC-WL		Access
Alert	¥		9	D9 (IPC 01)	172.1.90.19	80	1	Uniview		UNIVIEW	IPC	86CEB-AF18KC-10	1	Access
Network	~		10	D10 (IP Ca	172.1.90,191	80	2	Uniview						Access
Platform	V		11	D11 (IP Ca	172,1.90,24	88	1	Uniview	1001					Access
User			12	D12 (IP Ca	172,16,0,199	80	1	Uniview						Access
	V		13	D13 (IP Ca	172.16.0.12	80	1	Uniview	DI.					Access
Maintenance	V		14	D14 (IP Ca	172,16:0.35	80	1	Uniview	101					Access
Upgrade	V		15	D15 (IP Ca	172.1.90.239	80	2	Uniview						Access

	Status	IP Address	Configure	Port	Qty	Protocol	Vendor	Model	Serial No.	
	(i)	172.1.90.9		80	6	ONVIF	UNIVIEW	XVR301-04Q3	Real Property lies with the	
	0	172.1.90.11		80	6	ONVIF	UNIVIEW	XVR301-04Q	property and the second second	1
		172.1.90.14	ø	80	1	Uniview	UNIVIEW		CONTRACTOR OF STREET, ST.	
	O	172.1.90.19		80	5	Uniview	UNIVIEW	IPC86CEB-AF18KC-I0	CONTRACTOR AND ADDRESS	
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		172.1.90.22		80	2	Uniview	UNIVIEW	IPC9312LFW-AF28-2X4	THE R. LEWIS CO., LANSING, MICH.	
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		172.1.90.193		80	1	Uniview	UNIVIEW	ET-B31H-M	fronting of the second second	
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	Added	172.1.90.13		80	1	Uniview	UNIVIEW	IPC672LR-AX4DUPKC	THE R. LEWIS CO., LANSING MICH.	
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ound	:14 Selected	<b>1</b> :0								